

GenCore version 4.5
Copyright (c) 1993 - 2000 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: August 28, 2002, 17:31:43 ; Search time 30.03 Seconds
(without alignments)
202.530 Million cell updates/sec

Title: US-09-502-984B-37
Perfect score: 1284
Sequence: 1 KFSKAAALIAANGPEELLCTF.....RKNERLEEEVERLKLQVGR 249

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA: *
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep: *
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep: *
3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep: *
4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep: *
5: /cgn2_6/ptodata/2/1aa/PCUTUS.COMB.pep: *
6: /cgn2_6/ptodata/2/1aa/Backfilest1.pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1060	82.6	488	US-08-776-511-2	Sequence 2, Appl1
2	1053	82.0	508	US-08-850-293-5	Sequence 5, Appl1
3	190.5	14.8	185	US-07-676-647-10	Sequence 10, Appl1
4	190.5	14.8	185	US-08-449-329-10	Sequence 10, Appl1
5	190.5	14.8	185	US-08-445-073-10	Sequence 10, Appl1
6	190.5	14.8	185	US-08-585-258-10	Sequence 10, Appl1
7	190.5	14.8	185	US-09-211-350-10	Sequence 10, Appl1
8	190.5	14.8	185	US-09-211-350-10	Sequence 10, Appl1
9	167	13.0	482	US-08-184-327A-8	Sequence 8, Appl1
10	167	13.0	482	US-08-184-327A-8	Sequence 8, Appl1
11	166	12.9	633	US-08-250-859-17	Sequence 17, Appl1
12	166	12.9	633	US-08-490-803-17	Sequence 17, Appl1
13	166	12.9	633	US-08-457-254-7	Sequence 17, Appl1
14	166	12.9	633	PCT-US94-08806-17	Sequence 17, Appl1
15	166	12.9	633	PCT-US95-01775-17	Sequence 17, Appl1
16	166	12.9	633	PCT-US95-16626-7	Sequence 17, Appl1
17	164	12.8	626	US-08-184-327A-2	Sequence 2, Appl1
18	164	12.8	626	US-08-184-327A-2	Sequence 2, Appl1
19	160	12.5	30	US-08-280-864A-7	Sequence 7, Appl1
20	160	12.5	30	US-09-092-291-7	Sequence 7, Appl1
21	146	11.4	448	US-08-078-311-12	Sequence 12, Appl1
22	146	11.4	448	US-08-460-402-12	Sequence 12, Appl1
23	146	11.4	493	US-08-078-311-7	Sequence 7, Appl1
24	146	11.4	493	US-08-460-402-7	Sequence 7, Appl1
25	146	11.4	635	US-08-184-327A-4	Sequence 4, Appl1
26	146	11.4	635	US-08-078-311-1	Sequence 1, Appl1
27	146	11.4	635	US-08-460-402-1	Sequence 1, Appl1

28	146	11.4	635	PCT-US95-00670-4	Sequence 4, Appl1
29	145	11.3	29	US-08-280-864A-8	Sequence 8, Appl1
30	145	11.3	29	US-09-092-291-8	Sequence 8, Appl1
31	145	11.3	30	US-08-280-864A-10	Sequence 10, Appl1
32	145	11.3	30	US-09-092-291-10	Sequence 10, Appl1
33	144	11.2	31	US-08-078-311-28	Sequence 28, Appl1
34	144	11.2	31	US-08-460-402-28	Sequence 28, Appl1
35	143	11.1	30	US-08-280-864A-9	Sequence 9, Appl1
36	143	11.1	30	US-09-092-291-9	Sequence 9, Appl1
37	142	11.1	30	US-08-280-864A-11	Sequence 11, Appl1
38	142	11.1	30	US-09-092-291-11	Sequence 11, Appl1
39	134.5	10.5	389	US-09-071-224-24	Sequence 24, Appl1
40	134	10.4	30	US-08-280-864A-12	Sequence 12, Appl1
41	134	10.4	30	US-09-092-291-12	Sequence 12, Appl1
42	133.5	10.4	389	US-09-071-224-22	Sequence 22, Appl1
43	133.5	10.4	389	US-09-071-224-26	Sequence 26, Appl1
44	133.5	10.4	389	US-09-071-224-27	Sequence 27, Appl1
45	133.5	10.4	392	US-09-071-224-18	Sequence 18, Appl1

ALIGNMENTS

RESULT 1
US-08-776-511-2
; Sequence 2, Application US/08776511
; Patent No. 6153190
; GENERAL INFORMATION:
; APPLICANT: Young, Peter R.
; APPLICANT: Erickson-Miller, Connie
; TITLE OF INVENTION: Method for Obtaining Receptor Agonist
; TITLE OF INVENTION: Antibodies
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESS: SmithKline Beecham Corporation- Corporate
; ADDRESS: Patents
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-2799
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/776, 511
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Jervais, Herbert H.
; REGISTRATION NUMBER: 31,171
; REFERENCE/DOCKET NUMBER: SBC P50349-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5015
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 488 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-776-511-2

Query Match 82.6%; Score 1060; DB 4; Length 488;
Best Local Similarity 93.8%; Pred. No. 1.7e-100;
Matches 198; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
QY 1 KFSKAAALIAANGPEELLCTFRLIEDLVCFEEDASAGCPNFSFQLEDEPKLCTL 60
DB 34 KFSKAAALIAANGPEELLCTFRLIEDLVCFEEDASAGCPNFSFQLEDEPKLCTL 93

Qy	61	HOAPRARCIAIFWMCSLPADTSSFPVELRLRTAASGAPRFRHVIHINEVLLDAPGVLA	120
Db	94	HOAPRARCAGVFWCSSLPADTSSFPVELRLRTAASGAPRFRHVIHINEVLLDAPGVLA	153
Qy	121	RLADESGHYVYRMLPRPPTMTSHIRELDISAGNGAGSVORVELLGGTECVLSNLRGR	180
Db	154	RLADESGHYVYRMLPRPPTMTSHIRKEVDVDSAGNGAGSVORVELLGGTECVLSNLRGR	213
Qy	181	TRITTAIVARARMAEPSEGGFWSAMSEPPVSLLT	211
Db	214	TRITTAIVARARMAEPSEGGFWSAMSEPPVSLLT	244

```

1 RESULT 2
2 US-08-850-293-5
3 Sequence 5, Application US/08850293
4 Patent No. 5843726
5 GENERAL INFORMATION:
6 APPLICANT: Lee, Jong Y.
7 TITLE OF INVENTION: PURIFIED HUMAN ERYTHROPOIETIN RECEPTOR
8 TITLE OF INVENTION: PROTEIN FRAGMENT AND ANTIBODIES DERIVED THEREFROM
9 NUMBER OF SEQUENCES: 5
10 CORRESPONDENCE ADDRESS:
11 ADDRESSEE: Fish & Richardson P.C., P.A.
12 STREET: 60 South Sixth Street, Suite 3300
13 CITY: Minneapolis
14 STATE: MN
15 COUNTRY: USA
16 ZIP: 55402
17 COMPUTER READABLE FORM:
18 MEDIUM TYPE: Floppy disk
19 COMPUTER: IBM compatible
20 OPERATING SYSTEM: DOS
21 SOFTWARE: FastSO for Windows Version 2.0
22 CURRENT APPLICATION DATA:
23 APPLICATION NUMBER: US/08/850,293
24 FILING DATE: 05-MAY-1997
25 CLASSIFICATION: 435
26 PRIOR APPLICATION DATA:
27 APPLICATION NUMBER: 08/499,643
28 FILING DATE: 07-JUL-1995
29 PRIOR APPLICATION DATA:
30 APPLICATION NUMBER: 08/106,815
31 FILING DATE: 16-AUG-1993
32 ATTORNEY/AGENT INFORMATION:
33 NAME: Ellinger, Mark S.
34 REGISTRATION NUMBER: 34,812
35 REFERENCE/DOCKET NUMBER: 07004/002001
36 TELECOMMUNICATION INFORMATION:
37 TELEPHONE: 612/335-5070
38 TELEFAX: 612/288-9696
39 INFORMATION FOR SEQ ID NO: 5:
40 SEQUENCE CHARACTERISTICS:
41 LENGTH: 508 amino acids
42 TYPE: amino acid
43 TOPOLOGY: linear
44 MOLECULE TYPE: protein
45 US-08-850-293-5

```

	Query Match	82.0%	Score 1053	DB 2	Length 508
	Best Local Similarity	93.4%	Pred. No. 9.2e-100		
	Matches 197	Conservative 11	Mismatches 3	Indels 0	Gaps 0
Oy	1	KPESKALLAAGPELLCETTERLDIVCFEEASAGVPCGNPSFPLEDEPMKICRL	60		
Db	34	KFESKALLAAGPELLCETTERLDIVCFEEASAGVPCGNPSFPLEDEPMKICRL	93		
Oy	61	HOAPFARGAIRWCSLPTADTSSFPBLRLTAAAGAPRFHHVITHINEVLLDAPGLVA	120		
Db	94	HOAPFARGAIRWCSLPTADTSSFPBLRLTAAAGAPRFHHVITHINEVLLDAPGLVA	153		

Oy	121	RLADSSGHVAVLRMLPPPTPTMTSHIRLELDISANNGAGSVORLELGGRECVLSNLGR	180
Db	154	RLADSSGHVAVLRMLPPPTPTMTSHIRREVDVDSAGNAGSVQVRELLEGGRECVLSNLGR	213
Oy	181	TRITTAVARARMAEPSPGFGFMSAMEEPLSLT	211
Dd	214	TRITTAVARARMAEPSPGFGFMSAMEEPLSLT	244

```

1      RESULT      3
2      US-07-676-647-10
3      ; Sequence 10, Application US/0767647
4      ; Patent No. 5426177
5      ;
6      ; GENERAL INFORMATION:
7      ; APPLICANT: Davis, Samuel
8      ; APPLICANT: Squinto, Stephen P.
9      ; APPLICANT: Furth, Mark E.
10     ; APPLICANT: Vancopoulos, George D.
11     ; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
12     ; NUMBER OF SEQUENCES: 15
13     ;
14     ; CORRESPONDENCE ADDRESS:
15     ; ADDRESSEE: Pennie & Edmonds
16     ; STREET: 1155 Avenue of the Americas
17     ; CITY: New York
18     ; STATE: New York
19     ; COUNTRY: U.S.A.
20     ; ZIP: 10036
21     ;
22     ; COMPUTER READABLE FORM:
23     ; MEDIUM TYPE: Floppy disk
24     ; COMPUTER: IBM PC compatible
25     ; OPERATING SYSTEM: PC-DOS/MS-DOS
26     ; SOFTWARE: PatentIn Release #1.0, Version #1.25
27     ;
28     ; CURRENT APPLICATION DATA:
29     ; APPLICATION NUMBER: US/07/676,647
30     ; FILING DATE: 19910328
31     ; CLASSIFICATION: 514
32     ;
33     ; ATTORNEY/AGENT INFORMATION:
34     ; NAME: Mistock, S. Leslie
35     ; REGISTRATION NUMBER: 18,872
36     ; REFERENCE/DOCKET NUMBER: 6526-048
37     ; TELECOMMUNICATION INFORMATION:
38     ; TELEPHONE: 212 790-9090
39     ; TELEFAX: 212 8698864/9741
40     ;
41     ; TELEX: 66141 PENNIE
42     ;
43     ; INFORMATION FOR SEQ ID NO: 10:
44     ;
45     ; SEQUENCE CHARACTERISTICS:
46     ; LENGTH: 185 amino acids
47     ; TYPE: AMINO ACID
48     ; STRANDEDNESS: single
49     ; TOPOLOGY: linear
50     ;
51     ; MOLECULE TYPE: peptide
52     ;
53     ; US-07-676-647-10

```

Query Match	14.8%	Score 190.5	DB 1	length 185
Best Local Similarity	28.5%	Pred. No. 6.2e-12		
Matches	53	Conservative	5	Mismatches 127
			Indels	1
			Gaps	1
Qy	19	CETERLEDLVCFEEBAASAGVGPNGFSPFOLEDEPMKICRLHQAPTARGAIREWCSELT	78	
Db	1	CETQRLLEDLVCFWXXXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	59	
Qy	79	ADTSSFVLELRLTAAAGCAPRFRHYIHINEVLLDAPGVLTARLADSGHYIYRMLPPE	138	
Db	60	XXXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPGLLRRADEGSHVYLRMXXXX	119	
Qy	139	TPMTSHIRFEFLDISAGNAGSQQVRYELLEGRTCVLSNLGRFTITLIRARAAEPEFG	198	
Db	120	XXVBARAAEBSFG	179	
Qy	199	FWSAMS	204	
Db	180	FWSAMS	185	

RESULT 4

US-08-449-329-10
; Sequence 10, Application US/08449329
; Patent No. 5648334
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furth, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/449,329
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/700,677
; FILING DATE: 15-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-065
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 8698864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-449-329-10

Query Match 14.8%; Score 190.5; DB 1; Length 185;
Best Local Similarity 28.5%; Pred. No. 6.2e-12;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;
QY 19 CTERLEDLVCFEERASAGVGPNFSFQLEDEPMKICRLHQAPRTAGAIRFQCSLPT 78
Db 1 CTERLEDLVCFEERASAGVGPNFSFQLEDEPMKICRLHQAPRTAGAIRFQCSLPT 78
QY 79 ADTSFVLELRLTAASGAPRFRVYIHINEVLLDAPVGLVARLADSGHVIRMLPPE 138
Db 60 XX 59
QY 139 TPMTSHIRFELDISAGNGAGSVQRELLGRTCEVLSNLRGTRITTIIVRARMAEPSPFG 198
Db 120 XX 119
QY 199 FWSAMS 204
Db 180 FWSAMS 185

RESULT 5
US-08-445-073-10

; Sequence 10, Application US/08445073
; Patent No. 5649897
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furth, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/445,073
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,647
; FILING DATE: 28-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-048
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 8698864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-445-073-10

Query Match 14.8%; Score 190.5; DB 2; Length 185;
Best Local Similarity 28.5%; Pred. No. 6.2e-12;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;
QY 19 CTERLEDLVCFEERASAGVGPNFSFQLEDEPMKICRLHQAPRTAGAIRFQCSLPT 78
Db 1 CTERLEDLVCFEERASAGVGPNFSFQLEDEPMKICRLHQAPRTAGAIRFQCSLPT 78
QY 79 ADTSFVLELRLTAASGAPRFRVYIHINEVLLDAPVGLVARLADSGHVIRMLPPE 138
Db 60 XX 59
QY 139 TPMTSHIRFELDISAGNGAGSVQRELLGRTCEVLSNLRGTRITTIIVRARMAEPSPFG 198
Db 120 XX 119
QY 199 FWSAMS 204
Db 180 FWSAMS 185

RESULT 6
US-08-565-258-10
; Sequence 10, Application US/08565258
; Patent No. 5692003
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel

```

; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furtth, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,258
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/001,904
; FILING DATE:
; APPLICATION NUMBER: US/07/700,677
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-065
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-585-258-10
```

```

Query Match 14.8%; Score 190.5; DB 2; Length 185;
Best Local Similarity 28.5%; Pred. No. 6,2e-12;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;

QY 19 CFTERLEDIVCFEEAASAGVGPNGFSFQLEDEPWKLCRLHQAFTARGAIFWCSLPT 78
    ||:|||||
DB 1 CFTQRLIEDIVCFWXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXCXXXX 59
QY 79 ADTSSFVPLELRLTAASGAPRFHVIHNEVLLDAPVGLVARLADSGHVIVIRLMPPE 138
    |||||||
DB 60 XXXXXXXXXXXXXXXXXXXXIHNEVLLDAPAGLARAECSHVIVIRLWXXXXX 119
QY 139 TPTMTHIRELDISAGNGAGVQVELLEGRTVCVLSNLRGRTITIAVARARMAEPSFG 198
    |||||||
DB 120 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXVARARMAEPSFG 179
QY 199 FWSAWS 204
    |||||
DB 180 FWSAWS 185
```

```

RESULT 7
US-09-211-590-10
; Sequence 10, Application US/09211590
; Patent No. 6316206
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furtth, Mark E.
```

```

; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/211,590
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,647
; FILING DATE: 28-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-048
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-211-590-10
```

```

Query Match 14.8%; Score 190.5; DB 4; Length 185;
Best Local Similarity 28.5%; Pred. No. 6,2e-12;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;

QY 19 CFTERLEDIVCFEEAASAGVGPNGFSFQLEDEPWKLCRLHQAFTARGAIFWCSLPT 78
    ||:|||||
DB 1 CFTQRLIEDIVCFWXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXCXXXX 59
QY 79 ADTSSFVPLELRLTAASGAPRFHVIHNEVLLDAPVGLVARLADSGHVIVIRLMPPE 138
    |||||||
DB 60 XXXXXXXXXXXXXXXXXXXXIHNEVLLDAPAGLARAECSHVIVIRLWXXXXX 119
QY 139 TPTMTHIRELDISAGNGAGVQVELLEGRTVCVLSNLRGRTITIAVARARMAEPSFG 198
    |||||||
DB 120 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXVARARMAEPSFG 179
QY 199 FWSAWS 204
    |||||
DB 180 FWSAWS 185
```

```

RESULT 8
PCT-US91-03896-10
; Sequence 10, Application PC/TUS9103896
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furtth, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
```

STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03896
FILING DATE: 19910603
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mistock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6526-065-228
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 8698864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 185 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: peptide
PCT-US91-03896-10

Query Match 14.8%; Score 190.5; DB 5; Length 185;
Best Local Similarity 28.5%; Pred. No. 6,2e-12;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;

QY 19 CTERLEDVCFEFAASAGVPGNFSEFQLEDEPFKLCRLHQAAPTARGLRFMCSLPT 78
DB 1 CFTQRLDLYCFWXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXX 59
QY 79 ADTSSFVLELR/LTAAGAPRHRVHINEVVLDPVGLVARLADSGHVIVIRWLPPE 138
DB 60 XXXXXXXXXXXXXXXXXXXXXXXXXXXXIHINEVVLDPAGLARRAEEGSHVLRWXXXXX 119
QY 139 TPTMTSHIRELDISAGNGAGVORVELLEGRECVLSNLRGRTITIAVARMAEPEFG 198
DB 120 XXVVARMAEPEFSFG 179
QY 199 FWSAMS 204
DB 180 FWSAMS 185

RESULT 9
US-08-184-327A-8
Sequence 8, Application US/08184327A
Patent No. 5498599
GENERAL INFORMATION:
APPLICANT: Choi, Esther S.
APPLICANT: Hokom, Martha M.
APPLICANT: Hunt, Pamela
APPLICANT: Nichol, Janet L.
TITLE OF INVENTION: Compositions And Methods For Stimulating
TITLE OF INVENTION: Platelet Production
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc., U.S. Patent Operations/RRC
STREET: 1840 DeHavilland Drive
CITY: Thousand Oaks
STATE: CA
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/184,327A
FILING DATE: 20-JAN-1994
CLASSIFICATION: 514
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 482 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-184-327A-8

Query Match 13.0%; Score 167; DB 1; Length 482;
Best Local Similarity 23.8%; Pred. No. 6e-09;
Matches 62; Conservative 33; Mismatches 105; Indels 60; Gaps 8;

QY 4 SKAALLAANGPEELICFTRLDLYCFEFAASAGVPGNFSEFQLEDEPFKLCRLHQA 63
DB 18 SDVFLALGTPEPLNCFSTQFEDLTCFWDDEBA--PSGTOLLYAYRGEKPRACPLYXQ 75
QY 64 PTARGAIRFMCSLPTAD-TSSFVPLERL/LTAAS-GAPRHRVHINEVVLDPVGLVAR 121
DB 76 SVPTGRTIVCOFPADDEVRLFFPLHWKYNVSLNOTLIORVLFVDSVGLPAPPRVYIKAR 135
QY 122 LADSGHVIVIRW-LPEETPMTSHIRELDI-----SAGNGAGSVORVELLEGRT----- 170
DB 136 GGSQPGELQIHWEPAPPE--ISDFLHRLRYGPTDSSNATAPSV--IQLLSETCQPTLM 191
QY 171 -----RCVUSNLGRRTITIAVAR 189
DB 192 MNPVYVLDQPCVHPPTASQHPVPTSPAGAPFLTVGGSLVSGLOASKSYMLQIURS 251
QY 190 RMAEPEFGFWSAMSEPVSL 209
DB 252 QPDGVSLRGSGMPWSPFVTV 271

RESULT 10
PCT-US95-00670-8
Sequence 8, Application PC/TUS9500670
GENERAL INFORMATION:
APPLICANT: Choi, Esther S.
APPLICANT: Hokom, Martha M.
APPLICANT: Hunt, Pamela
APPLICANT: Nichol, Janet L.
TITLE OF INVENTION: Compositions And Methods For Stimulating
TITLE OF INVENTION: Platelet Production
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc., U.S. Patent Operations/RRC
STREET: 1840 DeHavilland Drive
CITY: Thousand Oaks
STATE: CA
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/00670
FILING DATE: 18-JAN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/184,327
FILING DATE: 20-JAN-1994
INFORMATION FOR SEQ ID NO: 8:

Db 25 SQDFVLLALGTEPEINCSQGFEDLTCPWDEEAA--PSGTYQLLLVAYRGKPPRACPLYSQ 82
 QY 64 PLTAGALRFMCSLPTAD-TTSFVPLELRILTAAS-GARFRVRIHINEVLLDAPVGLVAR 121
 Db 83 SVPTFGTRYVCQFAQDEVRLEFFRLILVKNVSLNQTLLIQRVLEFVDSVGLPAPPRVYIKAR 142
 QY 122 LADSGCHVIVIRW-PPPEPTMTSHIREELDI---SAGNAGSVQVRELEEGRT----- 170
 Db 143 GGSQPGELQIHMEAPAE--ISDLRHEILKXGPIPDSSNATAPSV--IQLLSTETCCPTLW 198
 QY 171 -----ECVLSNMLGRTRITTAIVRA 189
 Db 199 MPNEVPIVDQPCVHTPTASQPHGVPVPTSPGAEAPFLVTKGGSCLVSLQAGKSWYIQLRS 258
 QY 190 RMAPRSFGCFWMSAMSEVSL 209
 Db 259 QPDGVSILRSGSMGPMSPFVTV 278

RESULT 13

US-08-457-254-7
Sequence 7, Application US/08457254
Patent No. 5986049
GENERAL INFORMATION:
APPLICANT: Forstrom, John W
APPLICANT: Lofton-Day, Catherine E
APPLICANT: Lok, Si
TITLE OF INVENTION: PURIFIED THROMBOPOIETIN AND METHOD OF
TITLE OF INVENTION: MAKING IT
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zymogenetics, Inc.
STREET: 1201 Eastlake Avenue East
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,254
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Parker, Gary E
REGISTRATION NUMBER: 31,648
REFERENCE/DOCKET NUMBER: 94-11c1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-442-6673
TELEFAX: 206-442-6678
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 633 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-457-254-7

```

Query Match      12.9%  Score 166; DB 2; Length 633;
Best Local Similarity 23.8%  Pred. 0.1,1e-08;
Matches 62; Conservative 33; Mismatches 105; Indels 60; Gaps 8;

QY      4  SKALLARGCEELCTFERLEDVLCFEEPAASACVCGNSESFSQLEDEPPKLCRRHOA 63
      |:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
DB      25  SÖDVFLALGELPNCSSQTEDELCFMEDEBAA--PGSTQVLLAYRKEKRACPLSQ 82
      |:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|

QY      64  PTARGAIRFCWSLPTAD--TSSFVPLELRLLTAAS--GAPFRHRYITINEVULLDAPGLVAR 121
      |:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
DB      83  SVPTGTRGYCQAFQADEVRLFFPLHLHWKVVLSLQTLQRLAFEDVSGLPAPPVIR 142
      |:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|

```

```
QY      122 LADSGHVIRK-LPPETPTSHIRELDI-----SANGAGSVQRYLEGRT----- 170
           : | : | | : | : | : | : | : | : | : | : | : | : | : | : |
Db      143 GGSOPGELOIHWEAPE--ISDFLRHELRIPTYDSSNATAPSY--IQLLSTETCCPTM 198
QY      171 -----ECVLSNLGRTRITIAVRA 189
Db      199 MPNPVPVLDDPCVHPITASQPCHGFVRTSPAGEARFLTVKGCSCLVASGLQAKGYWILQNS 258
QY      190 RMAEPSFGFWSAMSEPVSL 209
           : | | | | | : | : | : | : | : | : | : | : | : |
Db      259 QPDGVSLRGLSGMWPSFPVT 278
```

RESULT 14

```

PCT-US94-08806-17
Sequence 17, Application PC/TUS9408806
GENERAL INFORMATION:
APPLICANT: Zymogenetics, Inc.
APPLICANT: 1201 Eastlake Avenue East
APPLICANT: Seattle
APPLICANT: WA
APPLICANT: US
APPLICANT: 98102
APPLICANT: APPLICANT: University of Washington
APPLICANT: Seattle
APPLICANT: WA
APPLICANT: 98195
TITLE OF INVENTION: HEMATOPOIETIC PROTEIN AND MATERIALS AND
TITLE OF INVENTION: METHODS FOR MAKING IT
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zymogenetics, Inc.
STREET: 1201 Eastlake Avenue East
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/08806
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Parker, Gary E
REGISTRATION NUMBER: 31-648
REFERENCE/DOCKET NUMBER: 93-12PC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-442-6600 ext 6673
TELEFAX: 206-442-6678
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 633 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US94-08806-17

```

```

Query Match      12.9%  Score 166:  DB 5:  Length 633;
Best Local Similarity 23.8%:  Pred. No. 1.le-08;
Matches 62:  Conservative 33:  Mismatches 105:  Indels 60;  Gaps 8;

QY      4  SKAALLARGEEELICFERLEDIVCFPEEASAGVCGNFSFQLEDEDPWKLRLHOA 63
      | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Db      25  SQDFLLALGTEPLNCFQTEFDLLICPFNDEEBA--PGSYQLLYAKGKRRACRPYISQ 82
      | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |

QY      64  PTARGAIRFWCSLPTAD--TSSFVPLELRLLTAAS--GAPRFHRYHINIEVLLDAPVGLYAR 121
      | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |

```


THIS PAGE BLANK (USPTO)